

METHOD TO GENERATE A FORMATTED TRACE FOR AN EMBEDDED DEVICE

Abstract

A method to generate a formatted trace for a second device embedded in a first
5 device. The method provides source code comprising a trace entry, compiles that source
code to form an embedded device code image comprising a trace description string and a
trace description string address, and assigns the trace description string address as the
traceId. The method creates a database comprising the trace description string and the
trace description string address. The method uploads to the second device the embedded
10 device code image, and generates trace data using that stripped code. The method then
downloads that trace data to the first device, merges that trace data with the database, and
forms a formatted trace.